Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019311.D
Acq On : 23 Oct 2015 22:56
Operator : UM/NP
Sample : SSTD02027
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
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10/26/2015 7:37:46 PM

Quant Time: Oct 24 00:54:42 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 24 01:35:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	23972	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	91535	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	76491	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	228618	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	314329	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	288487	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	3874	8.81	ng/uL	0.00
5) Phenol-d5	7.37	99	41880	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	26449	19.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	27197	18.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	32059	18.15	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	14189	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.13	143	16102	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	36890	23.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.19	131	40556	21.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	130852	19.41	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	145991	19.94	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	21239	17.87	ng/ul	0.00
58) Fluorene-d10	15.85	176	121705	20.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	31298	21.34	ng/ul	0.00
71) Anthracene-d10	17.70	188	216415	19.78	ng/ul	0.00
79) Pyrene-d10	19.96	212	280919	19.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	306946	20.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	3632	7.19	ng/uL	100
4) Benzaldehyde	7.37	77	30064	23.95	ng/ul	100
6) Phenol	7.40	94	43124	19.49	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.65	93	30634	19.70	ng/ul	100
10) 2-Chlorophenol	7.80	128	26474	17.25	ng/ul	99
11) 2-Methylphenol	8.67	108	34419	19.78	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.78	45	21257	7.10	ng/ul	100
14) Acetophenone	9.07	105	55083	18.40	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.05	70	32445	20.84	ng/ul	100
16) 4-Methylphenol	8.99	108	36707	18.91	ng/ul	100
17) Hexachloroethane	9.34	117	14012	20.37	ng/ul	100
20) Nitrobenzene	9.45	77	51979	25.05	ng/ul	100
21) Isophorone	9.98	82	88577	22.51	ng/ul	100
23) 2-Nitrophenol	10.17	139	18128	22.10	ng/ul	100
24) 2,4-Dimethylphenol	10.21	107	46565	23.01	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.46	93	43736	21.64	ng/ul	99
27) 2,4-Dichlorophenol	10.70	162	34504	22.29	ng/ul	100
28) Naphthalene	11.12	128	96771	19.86	ng/ul	100
30) 4-Chloroaniline	11.22	127	42041	21.32	ng/ul	100
31) Hexachlorobutadiene	11.40	225	35717	28.86	ng/ul	97
32) Caprolactam	11.97	113	10862m	19.70	ng/ul	
33) 4-Chloro-3-methylphenol	12.31	107	44961	22.81	ng/ul	100
34) 2-Methylnaphthalene	12.71	142	77930	20.20	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	76119	20.21	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	64186	24.43	ng/ul	100
38) Hexachlorocyclopentadiene	13.05	237	51982	30.19	ng/ul	100
39) 2,4,6-Trichlorophenol	13.30	196	38599	23.67	ng/ul	100
40) 2,4,5-Trichlorophenol	13.37	196	42640	24.03	ng/ul	100
41) 1,1'-Biphenyl	13.70	154	111032	18.73	ng/ul	100
42) 2-Chloronaphthalene	13.74	162	88436	19.09	ng/ul	100
43) 2-Nitroaniline	13.94	65	34492	19.10	ng/ul	100
45) Dimethylphthalate	14.31	163	128363	19.02	ng/ul	100
46) 2,6-Dinitrotoluene	14.42	165	26462	20.27	ng/ul	100
48) Acenaphthylene	14.58	152	143942	18.18	ng/ul	100
49) 3-Nitroaniline	14.75	138	24287	19.78	ng/ul	100
50) Acenaphthene	14.92	153	98513	18.51	ng/ul	100
51) 2,4-Dinitrophenol	14.95	184	21455	25.92	ng/ul	100
53) 4-Nitrophenol	15.03	109	38194	26.52	ng/ul	100
54) Dibenzofuran	15.26	168	148058	19.45	ng/ul	100
55) 2,4-Dinitrotoluene	15.20	165	39397	18.87	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.47	232	48590	27.11	ng/ul	96
57) Diethylphthalate	15.66	149	130398	18.67	ng/ul	100
59) Fluorene	15.90	166	127202	19.51	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.89	204	79413	22.64	ng/ul	100
61) 4-Nitroaniline	15.91	138	27121	18.57	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.96	198	31943	21.57	ng/ul	100
65) N-Nitrosodiphenylamine	16.10	169	118573	18.85	ng/ul	100
66) 4-Bromophenyl-phenylether	16.78	248	57667	21.55	ng/ul	100
67) Hexachlorobenzene	16.90	284	60936	20.03	ng/ul	97
68) Atrazine	17.04	200	62207	20.28	ng/ul	100
69) Pentachlorophenol	17.24	266	42998	25.29	ng/ul	94
70) Phenanthrene	17.64	178	241493	18.90	ng/ul	100
72) Anthracene	17.73	178	242574	18.71	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	64328	22.11	ng/uL	100
74) Pentachlorobenzene	15.17	250	66297	21.08	ng/uL	100
75) Carbazole	17.99	167	206040	18.62	ng/ul	100
76) Di-n-butylphthalate	18.54	149	243702	16.96	ng/ul	100
77) Fluoranthene	19.64	202	350307	21.47	ng/ul	100
80) Pyrene	19.99	202	359410	19.19	ng/ul	100
81) Butylbenzylphthalate	20.87	149	110104	16.70	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.77	252	136486	22.82	ng/ul	100
83) Benzo(a)anthracene	21.87	228	371571	20.51	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.77	149	155032	16.91	ng/ul	100
85) Chrysene	21.94	228	342110	20.01	ng/ul	100
87) Di-n-octyl phthalate	23.04	149	257799	17.17	ng/ul	100
88) Benzo(b)fluoranthene	24.20	252	366171	21.62	ng/ul	100
89) Benzo(k)fluoranthene	24.27	252	344627	20.88	ng/ul	100
91) Benzo(a)pyrene	25.12	252	340155	21.03	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	29.18	276	382201	20.10	ng/ul	100
93) Dibenzo(a,h)anthracene	29.25	278	313229	19.12	ng/ul	100
94) Benzo(g,h,i)perylene	30.40	276	314822	20.12	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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